

# SPECIAL ILLUSTRATION SHEET

U. S. GEOLOGICAL SURVEY  
CHARLES D. WALCOTT, DIRECTOR

CALIFORNIA  
BIDWELL BAR QUADRANGLE



FIG. 2.—GRANITIC CONTACT BRECCIA.

Showing dark fragments of schist inclosed in the intrusive quartz-diorite. The specimen was collected from the border of a mass of quartz-diorite four miles northeast of Mount Hope.



FIG. 4.—RIDGE NORTH OF SOUTH FEATHER RIVER, NEAR EAST BORDER OF QUADRANGLE.

Showing lava terraces emphasized by lines of vegetation. These terraces are due to the unequal erosion of successive flows of the older basalt. The lighter colored lava capping the ridge is andesite-breccia.



FIG. 3.—FALLS OF FALL RIVER AND THE CANYON INTO WHICH IT DESCENDS.

The gorge was eroded along a vertically sheeted zone in the granodiorite. The falls are about 450 feet in height.



FIG. 5.—HYPERSTHENE-ANDESITE ON FRANKLIN HILL.

Shows the slaty structure of the lava.



FIG. 6.—FAULT SCARP AT HEAD OF DOGWOOD CREEK.

The wooded flat to the right of the scarp is capped with Tertiary lavas, and represents a downthrown block.